



Centers for Disease Control
and Prevention (CDC)
Atlanta GA 30333

February 8, 2017

Jessica Sharrow
Eckert Seamans Cherin & Mellott
600 Grant Street, 44th Floor
US Steel Tower
Pittsburg, Pennsylvania 15219
Via email: JSharrow@eckertseamans.com

Dear Ms. Sharrow:

This letter is in response to your Centers for Disease Control and Prevention and Agency for Toxic Substances and Disease Registry (CDC/ATSDR) Freedom of Information Act (FOIA) original request of September 3, 2015, regarding records related to the article "Characterization of Air Manganese Exposure Estimates for Residents in Two Ohio Towns" in the Journal of the Air & Waste Management Association. Your request was assigned #15-00947-FOIA. We have had several recent communications on the scope of your original request.

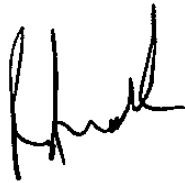
Based on our conference call with you on Monday, February 6, 2017, please confirm the agreed upon, narrowed scope of the request regarding E. Liverpool/SH Bell:

1. Complete copies of the following references cited in the paper published in the Journal of the Air & Waste Management Association, entitled *Characterization of Air Manganese Exposure Estimates for Residents in Two Ohio Towns* (for reference it is attached as "College 2015"):
 - a. Ohio Environmental Protection Agency. 2012b. *Raw Data Packet- Ambient Measurements for Air Monitoring Stations in East Liverpool, OH*. Columbus, OH: Division of Air Pollution Control, Ohio Environmental Protection Agency.
 - b. U.S. Environmental Protection Agency. 2010b. Speciated Chromium Analysis Scanning Electron Microscopy, and X-Ray Diffractometry of Glass Fiber Filters collected at Two Locations in the East Liverpool, Ohio, Area from January 2006 to August 2007. NEIC Project No.: VP0856
 - c. U.S. Environmental Protection Agency. 2012b. *Cooperative Agreement Modeling Report S.H. Bell East Liverpool, Ohio*. Chicago, IL: Environmental Protection Agency.
2. Emails and attachments from 1/1/2012 through 2/28/15 between authors of the research team for *Characterization of Air Manganese Exposure Estimates for Residents in Two Ohio Towns*, that contain discussions specific to the manuscript basis and approach, containing the following keywords:
 - a. Exposure

- b. Exposure metric
- c. Ambient air
- d. Ambient air measurement
- e. Estimate
- f. Estimates exposure
- g. Manganese
- h. Particle size
- i. TSP
- j. PM10
- k. Reference Concentration
- l. RfC
- m. Minimal Risk Levels
- n. MRL
- o. Model
- p. Modeling

You may check on the status of your case by going to our FOIA webpage at www2a.cdc.gov/od/foiastatus and entering this number. If you have any questions regarding your request, please contact Mark Harper at 770-488-8154.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Andoh', with a stylized flourish at the end.

Roger Andoh
CDC/ATSDR FOIA Officer
Office of the Chief Information Officer
(770) 488-6399
Fax: (404) 235-1852

15-00947-FOIA